What Is Claimed Is:

1	1. A method for controlling access to files within a plurality of virtual			
2	servers, wherein the plurality of virtual servers operate within separate virtual			
3	environments on a single computing device, comprising:			
4	accepting a file access request;			
5	determining if the file access request originated from within a virtual			
6	server of the plurality of virtual servers, wherein the virtual server operates within			
7	a virtual environment that is insulated from other virtual environments associated			
8	with other virtual servers;			
9	if the file access request originated from within the virtual server,			
10	determining if the file access request is for a new file; and			
11	if the file access request is for a new file,			
12	assigning an identifier to the new file, wherein the			
13	identifier can be used to identify the virtual server, and			
14	creating the new file within a storage area			
15	associated with a computing device hosting the plurality of			
16	virtual servers.			
1	2. The method of claim 1, wherein if the file access request is for an			
2	existing file, the method further comprises:			
3	retrieving the identifier assigned to the existing file;			
4	determining if the identifier is associated with the virtual server that			
5	generated the file access request; and			
6	if the identifier is associated with the virtual server that generated the file			
7	access request, allowing access to the existing file.			

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identifier.

1	3. The method of claim 2, wherein if the file access request is a				
2	request to delete the existing file, the method further comprises deleting the				
3	existing file.				
1	4. The method of claim 2, wherein if the file access request is a				
2	request to modify the existing file, the method further comprises modifying the				
3	existing file.				
1	5. The method of claim 1, wherein if the file access request is a				
1	,				
2	request to allocate additional file space, the method further comprises:				
3	determining if space is remaining in the storage area associated with the				
4	computing device that is available to the virtual server; and				
5	if space is remaining in the storage area that is available to the virtual				
6	server, allocating the additional file space.				
1	6. The method of claim 1, further comprising allowing a system				
2	administrator to establish an amount of storage within the storage area associate				
3					
	with the computing device that is available to the virtual server within the				
4	plurality of virtual servers.				
1	7. The method of claim 1, wherein if the file access request did not				
2	originate from within the virtual server, the method further comprises:				
3	determining if the file access request is a request to update the identifier;				
4	and				
5	if the file access request is a request to update the identifier, updating the				

1	8. A computer-readable storage medium storing instructions that				
2	when executed by a computer cause the computer to perform a method for				
3	controlling access to files within a plurality of virtual servers, wherein the				
4	plurality of virtual servers operate within separate virtual environments on a single				
5	computing device, comprising:				
6	accepting a file access request;				
7	determining if the file access request originated from within a virtual				
8	server of the plurality of virtual servers, wherein the virtual server operates within				
9	a virtual environment that is insulated from other virtual environments associated				
10	with other virtual servers;				
11	if the file access request originated from within the virtual server,				
12	determining if the file access request is for a new file; and				
13	if the file access request is for a new file,				
14	assigning an identifier to the new file, wherein the				
15	identifier can be used to identify the virtual server, and				
16	creating the new file within a storage area				
17	associated with a computing device hosting the plurality of				
18	virtual servers.				
1	9. The computer-readable storage medium of claim 8, wherein if the				
2	file access request is for an existing file, the method further comprises:				
3	retrieving the identifier assigned to the existing file;				
4	determining if the identifier is associated with the virtual server that				
5	generated the file access request; and				
6	if the identifier is associated with the virtual server that generated the file				
7	access request, allowing access to the existing file.				

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and

1	10. The computer-readable storage medium of claim 9, wherein if the				
2	file access request is a request to delete the existing file, the method further				
3	comprises deleting the existing file.				
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1	11. The computer-readable storage medium of claim 9, wherein if the				
2	file access request is a request to modify the existing file, the method further				
3	comprises modifying the existing file.				
1	12. The computer-readable storage medium of claim 8, wherein if the				
2	file access request is a request to allocate additional file space, the method further				
3	comprises:				
4	determining if space is remaining in the storage area associated with the				
5	computing device that is available to the virtual server; and				
6	if space is remaining in the storage area that is available to the virtual				
7	server, allocating the additional file space.				
1	13. The computer-readable storage medium of claim 8, further				
2	1				
	comprising allowing a system administrator to establish an amount of storage				
3	within the storage area that is available to the virtual server within the plurality of				
4	virtual servers.				
1	14. The computer-readable storage medium of claim 8, wherein if the				
2	file access request did not originate from within the virtual server, the method				
3	further comprises:				

determining if the file access request is a request to update the identifier;

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7	identifier.				
1	15. An apparatus that facilitates controlling access to files within a				
2	plurality of virtual servers, wherein the plurality of virtual servers operate within				
3	separate virtual environments on a single computing device, comprising:				
4	an accepting mechanism that is configured to accept a file access request;				
5	a first determining mechanism that is configured to determine if the file				
6	access request originated from within a virtual server of the plurality of virtual				
7	servers, wherein the virtual server operates within a virtual environment that is				
8	insulated from other virtual environments associated with other virtual servers;				
9	a second determining mechanism that is configured to determine if the file				
0	access request is for a new file;				
1	a creating mechanism that is configured to create the new file within a				
12	storage area associated with a computing device hosting the plurality of virtual				
13	servers if the file request is for a new file; and				
14	an assigning mechanism that is configured to assign an identifier to the				
15	new file, wherein the identifier can be used to identify the virtual server.				
1	16. The apparatus of claim 15, further comprising:				
2	a retrieving mechanism that is configured to retrieve the identifier assigned				
3	to an existing file;				
4	a third determining mechanism that is configured to determine if the				
5	identifier is associated with the virtual server that generated the file access				
6	request; and				
7	an accessing mechanism that is configured to allow access to the existing				

if the file access request is a request to update the identifier, updating the

file if the identifier is associated with the virtual server that generated the file.

1	17.	The apparatus of claim 16, further comprising a deleting		
2	mechanism that is configured to delete the existing file if the file access request is			
3	a request to delete the existing file.			
1	18.	The apparatus of claim 16, further comprising a modifying		
2	mechanism that is configured to modify the existing file if the file access request			
3 is a request to modify the existing file.				
1	19.	The apparatus of claim 15, further comprising:		
2	a fourth determining mechanism that is configured to determine if space is			
3	remaining in the storage area associated with the computing device that is			
4	available to the virtual server; and			
5	an allocating mechanism that is configured to allocate additional space			
6	from the storage area.			
1	20.	The apparatus of claim 15, further comprising an establishing		
2	mechanism that is configured to allow a system administrator to establish an			
3	amount of storage within the storage area that is available to the virtual server.			
1	21.	The apparatus of claim 15, further comprising:		
2	a fifth determining mechanism that is configured to determine if the file			
3	access request is a request to update the identifier; and			
4	an updating mechanism that is configured to update the identifier if the file			
5	access request is a request to update the identifier.			

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